



SEQUENCE LISTING

<110> DROGE, PETER
CHRIST, NICOLE
LORBACH, ELKE

<120> SEQUENCE-SPECIFIC DNA RECOMBINATION IN EUKARYOTIC CELLS

<130> DEBE:008US

<140> 10/082,772

<141> 2002-02-25

<150> PCT/DE 00/02947

<151> 2000-08-29

<150> DE 199 41 186.7

<151> 1999-08-30

<160> 29

<170> PatentIn Ver. 2.1

<210> 1

<211> 21

<212> DNA

<213> Escherichia coli

<400> 1

ctgctttttt atactaactt g 21

<210> 2

<211> 243

<212> DNA

<213> Bacteriophage lambda

<400> 2

tctgttacag gtcactaata ccatctaagt agttgattca tagtgactgc atatgttgtg 60
ttttacagta ttatgtagtc tgttttttat gcaaaatcta atttaatatata ttgatattta 120
tatcatttta cgtttctcgt tcagcttttt tatactaagt tggcattata aaaaagcatt 180
gcttatcaat ttgttgcaac gaacagggtca ctatcagtca aaataaaatc attatttgat 240
ttc 243

<210> 3

<211> 102

<212> DNA

<213> Escherichia coli

<400> 3

ctgctttttt atactaagtt ggcattataa aaaagcattg cttatcaatt tgttgcaacg 60
aacagggtcac tatcagtcaa aataaaatca ttatttgatt tc 102

<210> 4

<211> 162

<212> DNA

<213> Escherichia coli

<400> 4

tctgttacag gtcactaata ccatctaagt agttgattca tagtgactgc atatgttgtg 60
ttttacagta ttatgtagtc tgttttttat gcaaaatcta atttaatatata ttgatattta 120
tatcatttta cgtttctcgt tcagcttttt tatactaact tg 162

<210> 5

<211> 243

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
Oligonucleotide

<400> 5

tctgttacag gtcactaata ccatctaagt agttgattca tagtgactgc atatgttgtg 60
ttttacagta ttatgtagtc tgttttttat gcaaaatcta atttaatatata ttgatattta 120
tatcatttta cgtttctcgt tcagcttttt gatactaagt tggcattata aaaaagcatt 180
gcttatcaat ttgttgcaac gaacagggtca ctatcagtca aaataaaatc attatttgat 240
ttc 243

<210> 6

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 6

gctctagacc accatgggaa gaaggcgaag tca

33

<210> 7
<211> 40
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 7
aaggaaagcg gccgctcatt atttgatttc aattttgtcc

40

<210> 8
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 8
gttcagcttt ttgatactaa gttg

24

<210> 9
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 9
caacttagta tcaaaaagct gaac

24

<210> 10
<211> 40
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 10
ttgatagctc ttccgctttc tgttacaggt cactaatacc 40

<210> 11
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 11
acggttgctc ttccagccag ggagtgggac aaaattga 38

<210> 12
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 12
ccggttgaag cctgcttttt tatactaact tgagcgaacg c 41

<210> 13
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 13
aattgcgttc gctcaagtta gtataaaaaa gcaggcttca a 41

<210> 14
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 14

tccccccggg agggagtggg acaaaattga

30

<210> 15

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 15

ggggatcctc tggtacaggt cactaatac

29

<210> 16

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 16

aatccgcggt cggagctcga gatctgagtc c

31

<210> 17

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 17

aatcccaagc ttccaccatg gtgagcaagg g

31

<210> 18

<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 18
gctctagatt agcagaaatt ctttttg

27

<210> 19
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 19
aactgcagta aaaagcatgc tcatcacccc

30

<210> 20
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 20
ggcaaaccgg ttgaagcctg ctttt

25

<210> 21
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Primer

<400> 21

aacctctaca aatgtggtat gg

22

<210> 22

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 22

taccatgggtg atgcggtttt g

21

<210> 23

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 23

agtaggaatt cagttgattc atagtgactg c

31

<210> 24

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 24

taaaacgcag ctcaagtaaca gtccg

25

<210> 25

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 25

tggaatcctg tggcatccat gaaac

25

<210> 26

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 26

agcctgcttt tttatactaa cttgagc

27

<210> 27

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 27

gaaattcttt ttgatactaa cttgtgt

27

<210> 28

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 28

gttcagcttt tttatactaa gttggca

27

<210> 29

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Primer

<400> 29

gttcagcttt ttgatactaa gttggca

27